

(12)特許協力条約に基づいて公開された出願

訂正版

(19) 世界知的所有権機関  
国際事務局(43) 国際公開日  
2004年3月11日 (11.03.2004)

PCT

(10) 国際公開番号  
WO 2004/020621 A1(51) 国際特許分類:  
15/55, 1/15, 1/19, 1/21, 5/10

C12N 9/22,

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(21) 国際出願番号: PCT/JP2003/010727

(22) 国際出願日: 2003年8月26日 (26.08.2003)

(25) 国際出願の言語: 日本語

(26) 国際公開の言語: 日本語

(81) 指定国 (国内): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(30) 優先権データ:  
特願2002-254153 2002年8月30日 (30.08.2002) JP

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(84) 指定国 (広域): ARIPO 特許 (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), ユーラシア特許 (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), ヨーロッパ特許 (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI 特許 (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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添付公開書類:

— 国際調査報告書

(48) この訂正版の公開日: 2005年3月10日

(15) 訂正情報:

PCTガゼット セクションIIの No.10/2005 (2005年3月10日)を参照

2文字コード及び他の略語については、定期発行される各PCTガゼットの巻頭に掲載されている「コードと略語のガイダンスノート」を参照。

(54) Title: THERMOSTABLE RIBONUCLEASE H

(54) 発明の名称: 耐熱性リボヌクレアーゼH

(57) Abstract: A polypeptide having an RNaseH activity and being highly useful in gene engineering; a gene encoding this polypeptide; and a genetic engineering process for producing the polypeptide.

(57) 要約: 遺伝子工学において利用価値の高いRNaseH活性を有するポリペプチド、該ポリペプチドをコードする遺伝子ならびに該ポリペプチドの遺伝子工学的製造方法。

WO 2004/020621 A1

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/10727

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> C12N9/22, C12N15/55, 1/15, 1/19, 1/21, 5/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> C12N9/22, C12N15/55, 1/15, 1/19, 1/21, 5/10

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

SwissProt/PIR/GeneSeq, GenBank/EMBL/DDBJ/GeneSeq, BIOSIS/WPI (DIALOG)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/22831 A1 (Takara Shuzo Kabushiki Kaisha), 21 March, 2002 (21.03.02), Full text & EP 1318197 A1	1-5
A	LOPEZ-GARCIA P. et al., Plasmid pGS5 from the hyperthermophilic archaeon Archaeoglobus profundus is negatively supercoiled, J.Bacteriol., 2000, 182(17), pages 4998 to 5000	1-6

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:  
 "A" document defining the general state of the art which is not considered to be of particular relevance  
 "E" earlier document but published on or after the international filing date  
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  
 "O" document referring to an oral disclosure, use, exhibition or other means  
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
 "&" document member of the same patent family

Date of the actual completion of the international search  
29 October, 2003 (29.10.03)

Date of mailing of the international search report  
11 November, 2003 (11.11.03)

Name and mailing address of the ISA/  
Japanese Patent Office

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